



● Our Business

- Collect, Process and Distribute Digital Imagery of the Earth
- Supply Imagery and Value-Added Geospatial Information Products and Services Worldwide
- Major Markets
 - Government & National Security
 - Mapping & Surveying
 - Natural Resources
 - Consumer

A Geospatial Information Technology Company

Primary Operations Centers



● ORBIMAGE HQ – Dulles, VA

- Imaging Systems
- Satellite Operations
- Ground Systems
- Advanced Image Processing
- Image Archive / Dissemination
- Commercial Operations



● St. Louis, MO Operations

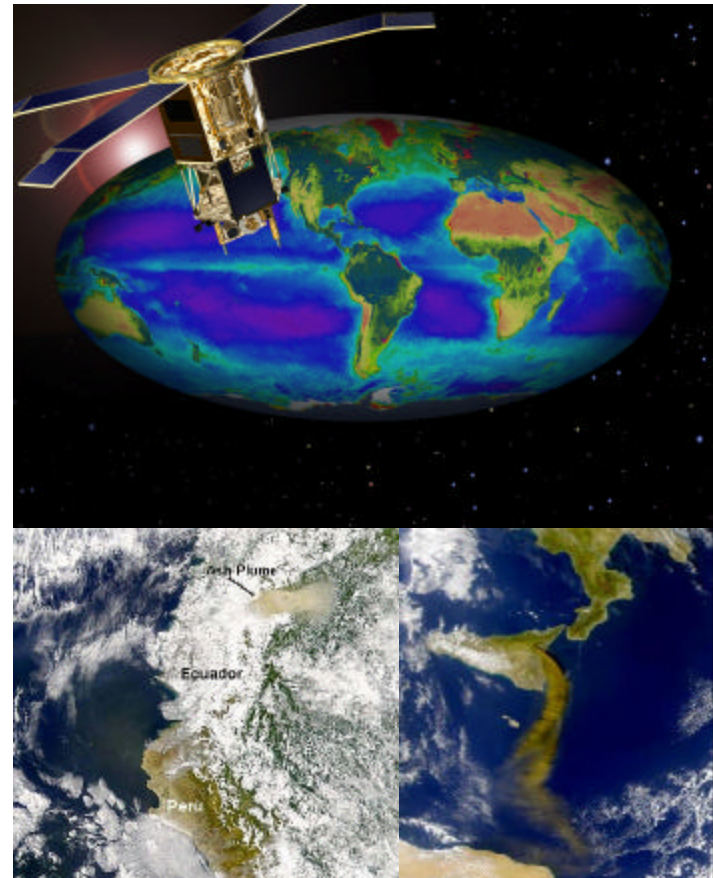
- Photogrammetric Engineering Services
- Sensor Design/Calibration
- Math Modeling
- Systems Engineering
- Geospatial Information and Mapping Services
- Applications Software
- Image-to-Product Verification



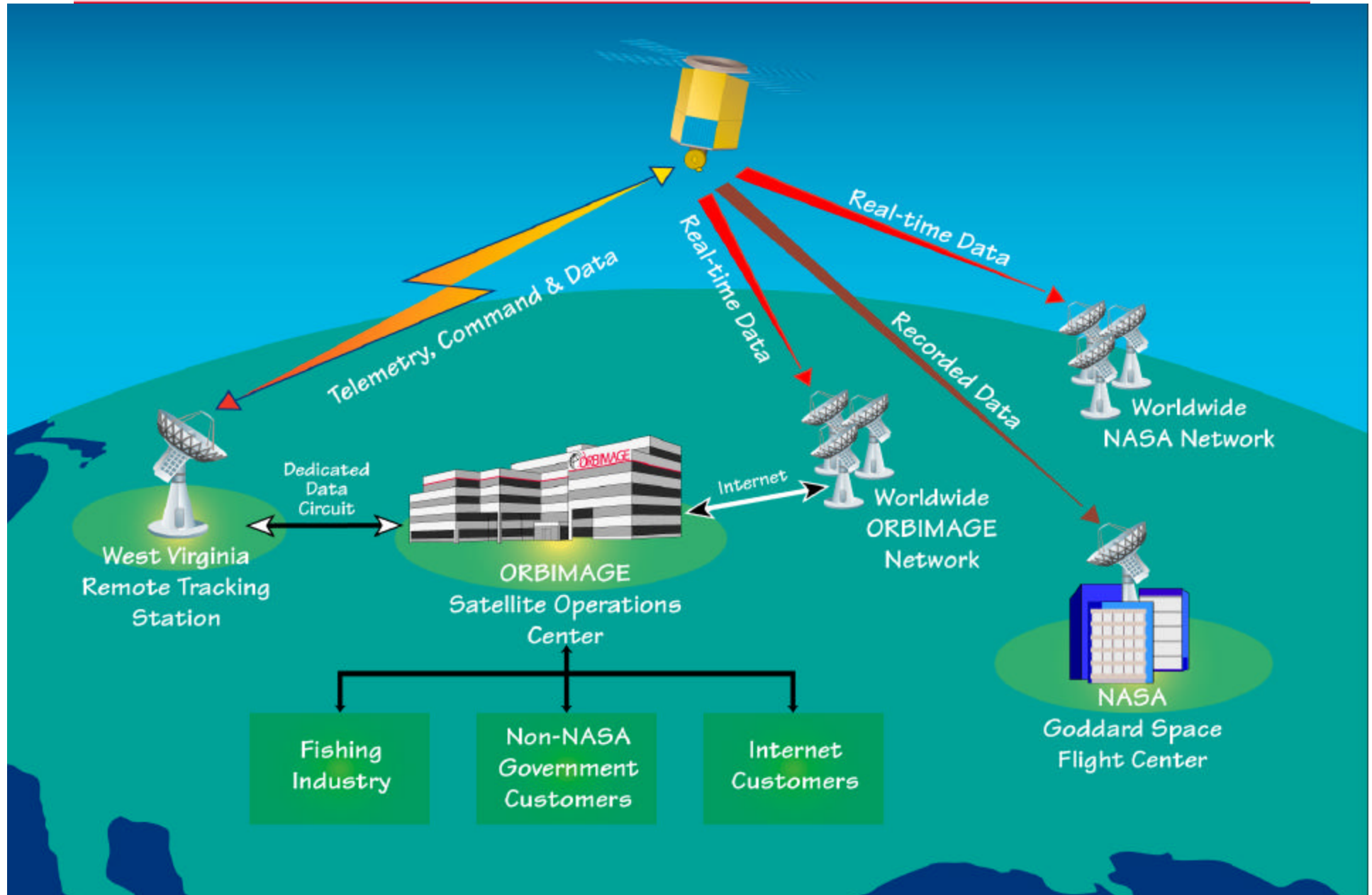
OrbView-2 Satellite System



- **Launched from Pegasus August 1, 1997**
 - orbit altitude 714 km
 - Sufficient fuel mass available for additional maneuvers
- **Licensing:**
 - Experimental authorization from FCC;
 - Remote Sensing Satellite license from NOAA.
- **10 year design**
 - NASA primary customer; strong scientific interest worldwide; has direct receive sites
 - US Navy has direct receive sites and have used OV-2 for operational planning
 - Supports NOAA Coast Watch Program
 - Supports ORBIMAGE Fisheries Information Service



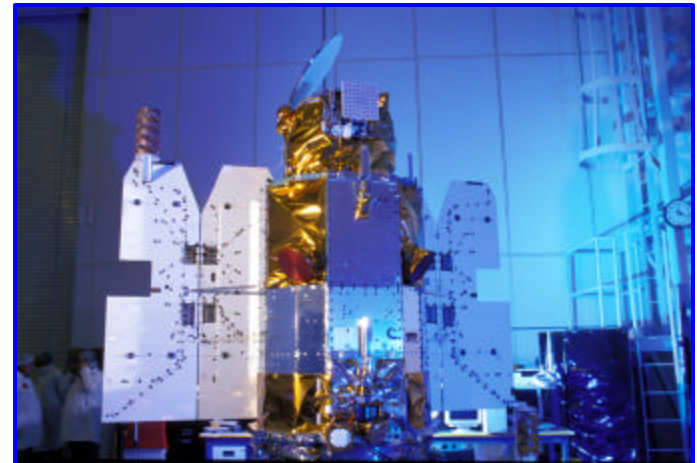
OrbView Operations



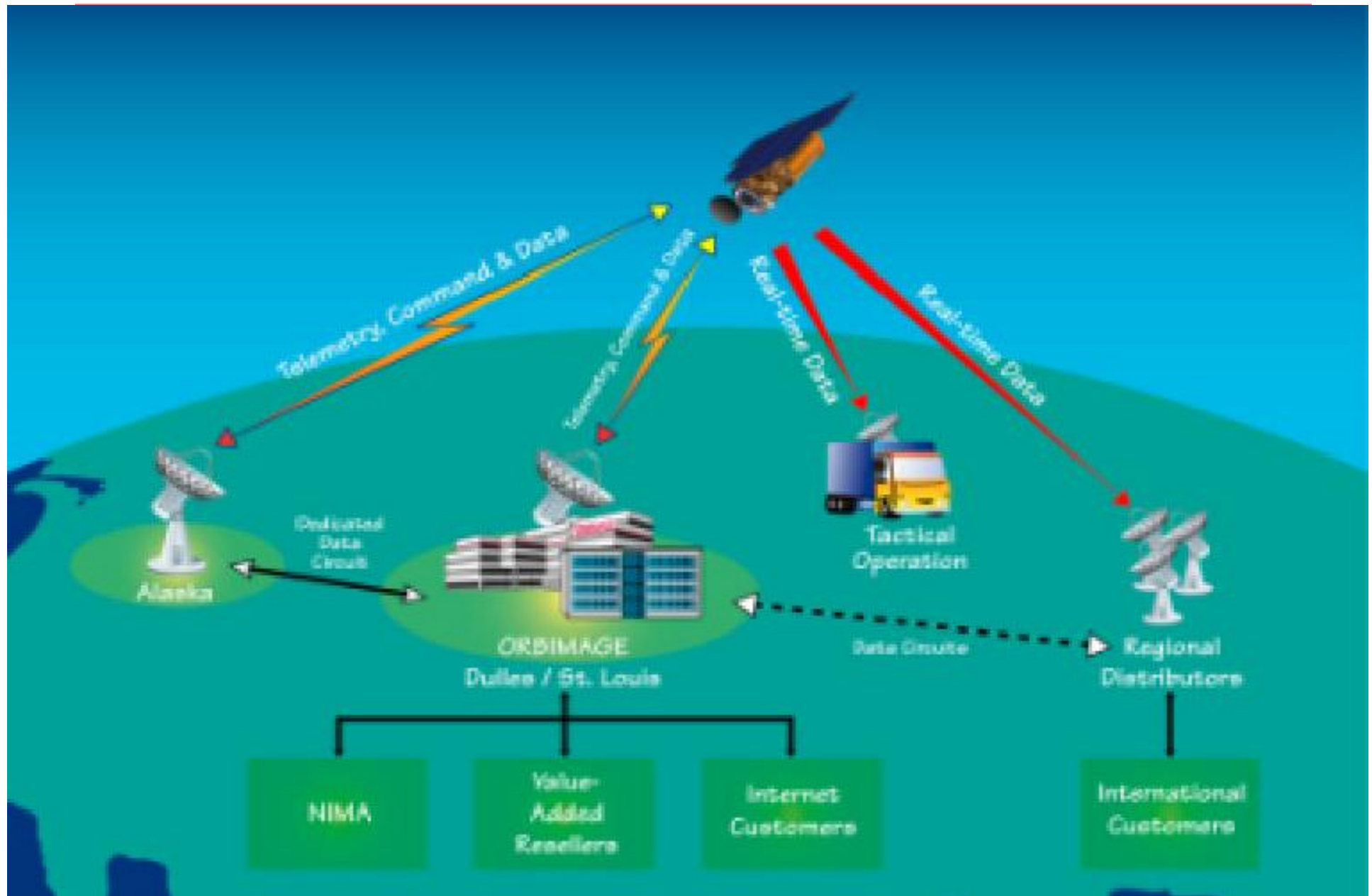
OrbView-3 Satellite System



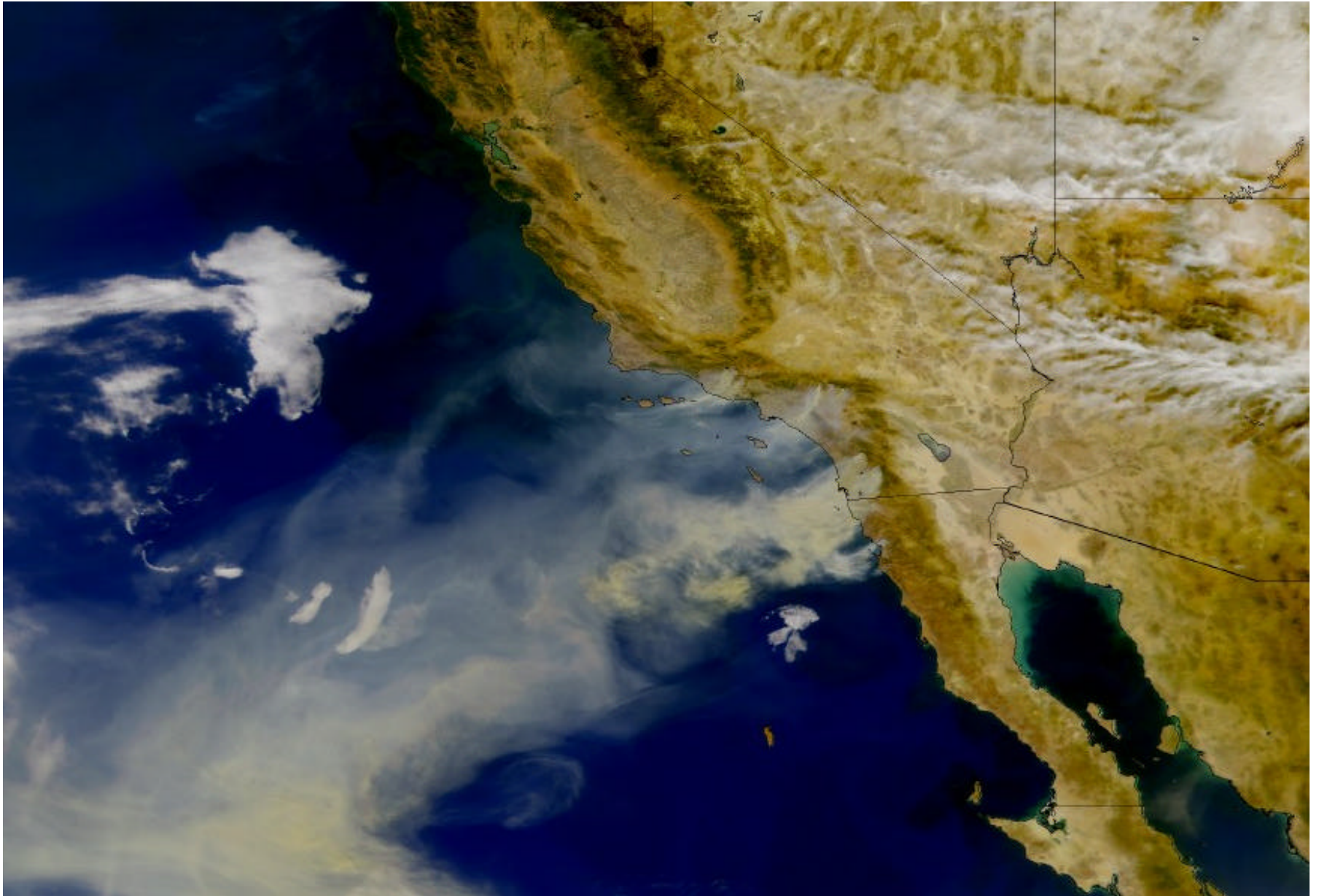
- **Launched from Pegasus June 26, 2004**
 - Orbit altitude: 470 km
- **Licensing:**
 - Authorization from FCC;
 - Remote Sensing Satellite license from NOAA
- **5 year design**
 - Major customers
 - U.S. Government
 - International
 - Commercial



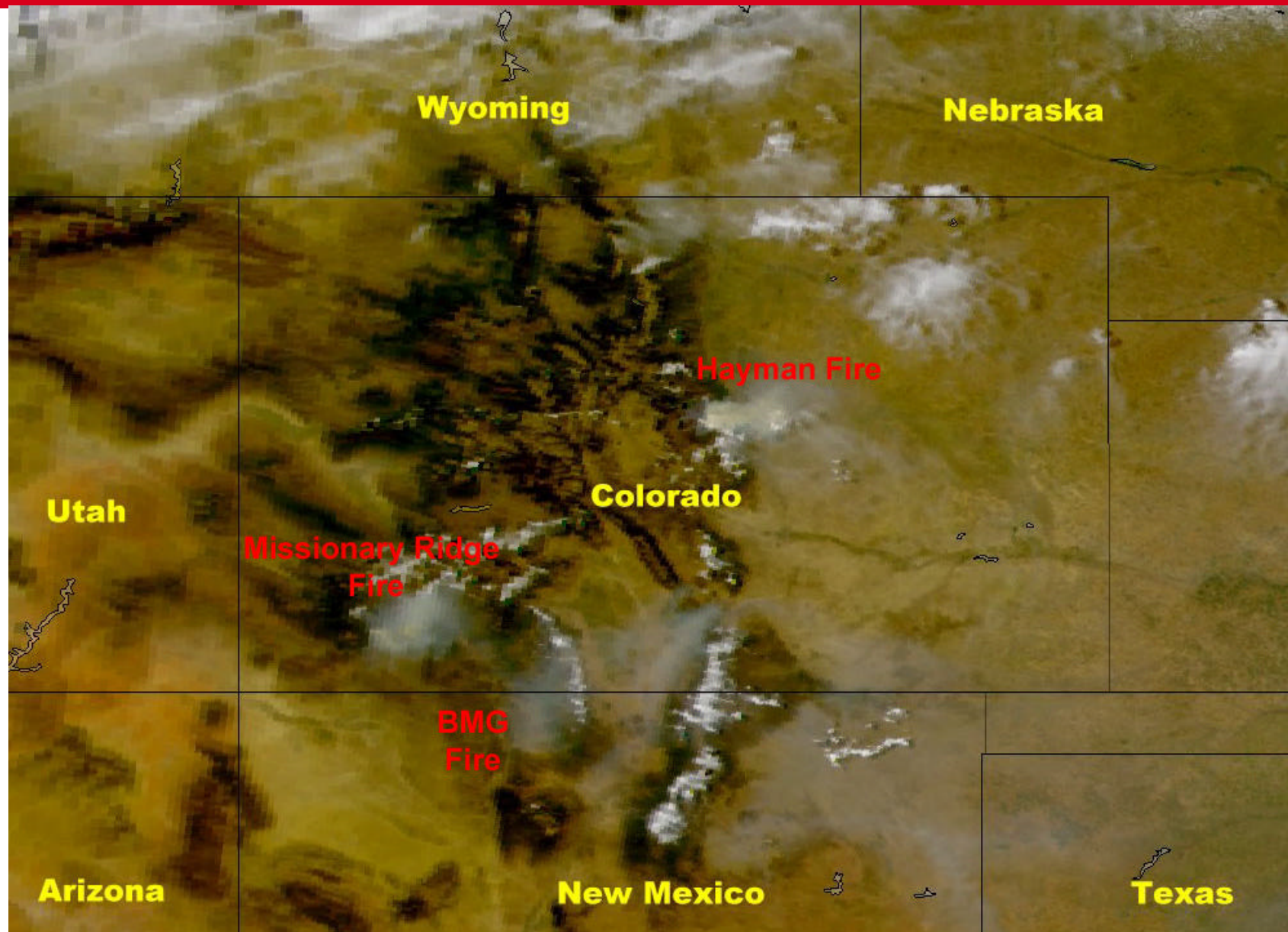
OrbView-3 Operations



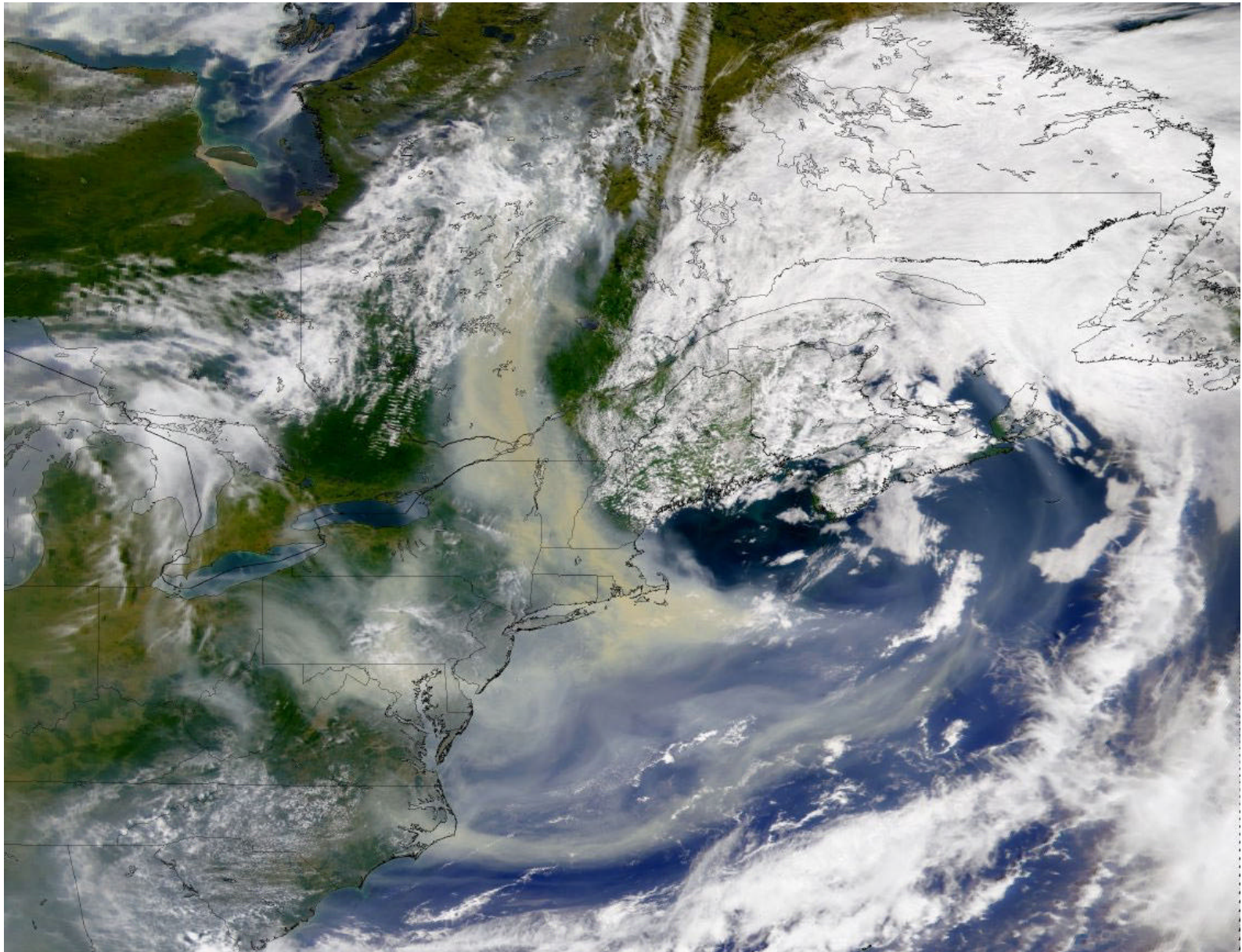
Southern California Fires – October 27, 2003



Fires in Colorado - June 18, 2002



Smoke from Canada - July 7, 2002



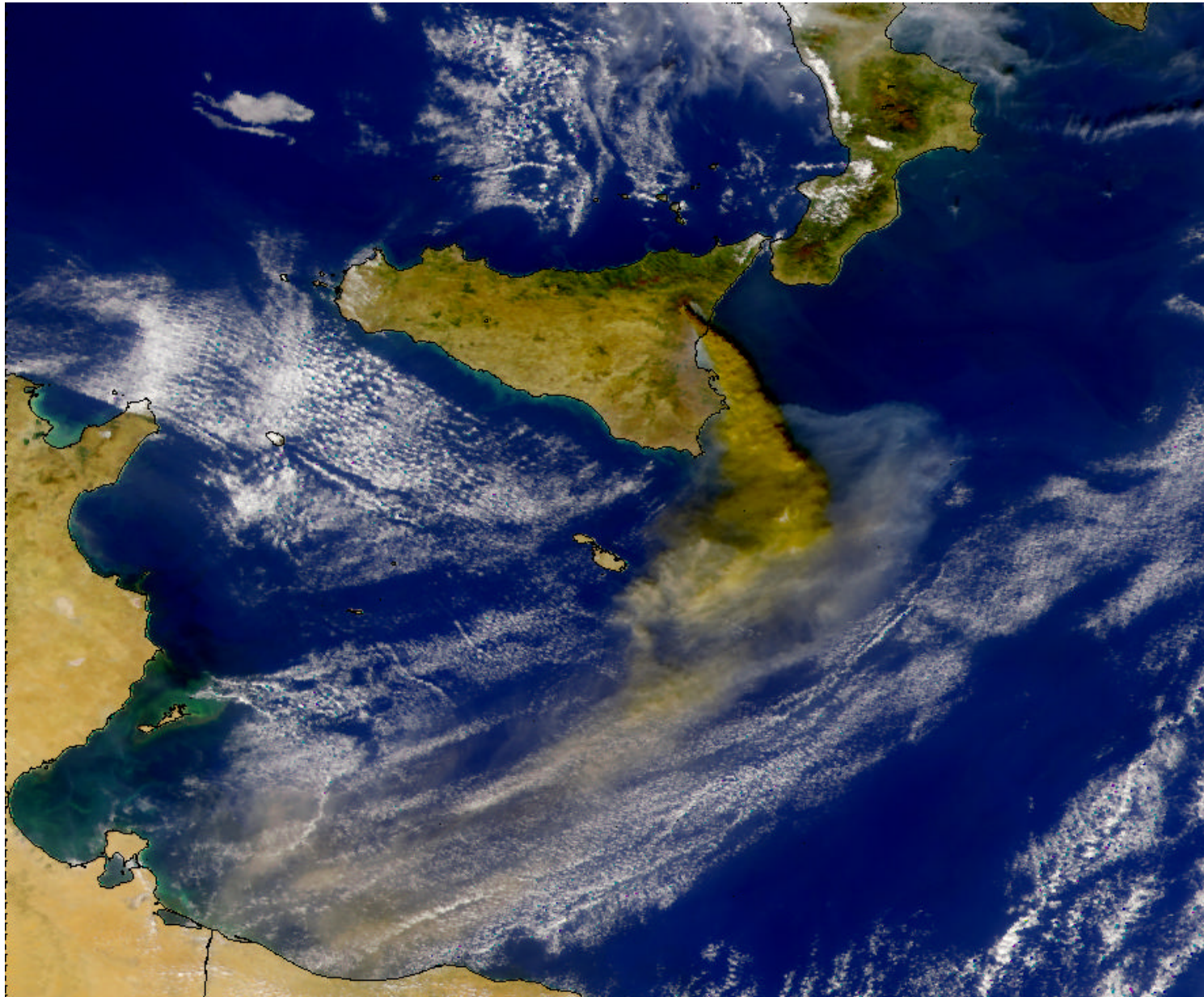
Hurricane Isabel
OrbView-2 "SeaWiFS"
Image Date: September 16, 2003



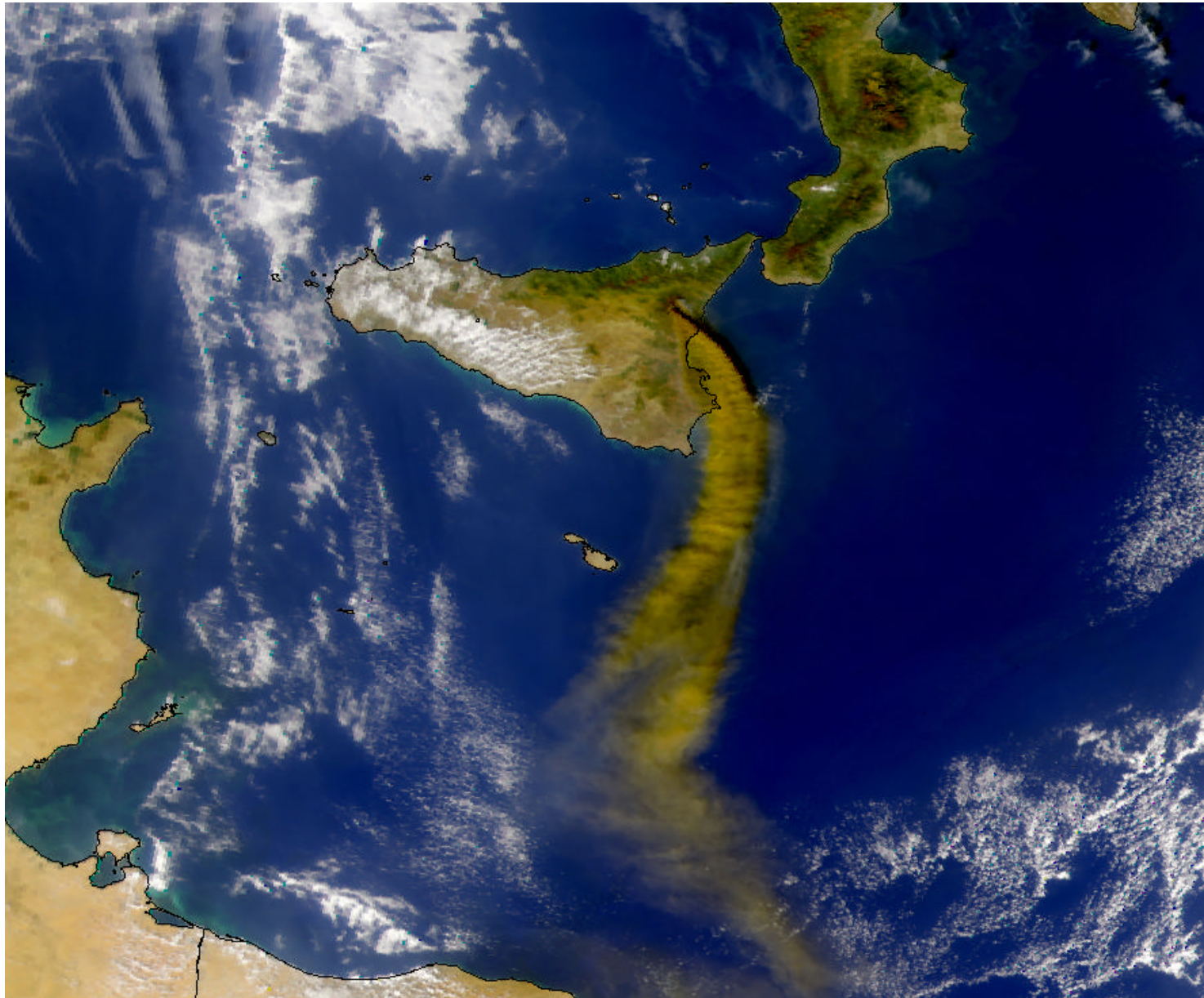
Hurricane Isabel
OrbView-2 "SeaWiFS"
Image Date: September 17, 2003.



Mt. Etna - October 28, 2002



Mt. Etna - October 30, 2002



High Resolution Imagery



**OrbView-3 Satellite Imagery
Now Available**

[Click Here
for Details](#)

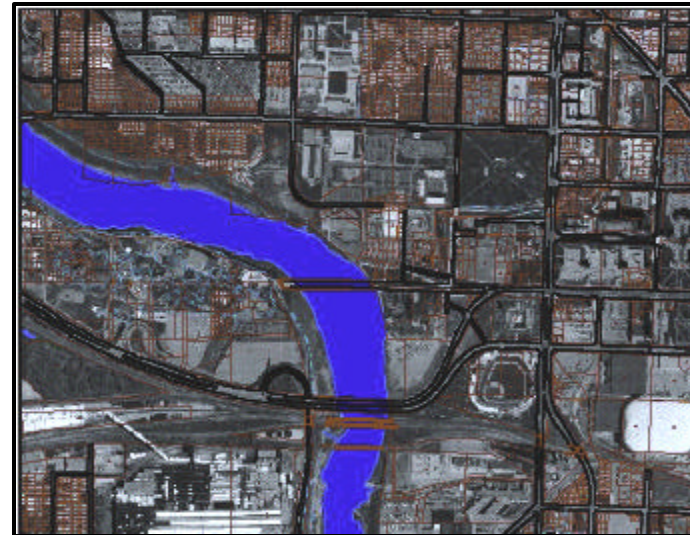
*Washington Island
4m MSI from OrbView-3*

*Sacramento, California
4m MSI from OrbView-3*

*Seville, Spain
1m Pan from OrbView-3*

*Tokyo, Japan
1m Pan from OrbView-3*

Planning for Emergency Response



Benefits of High Resolution Imagery:

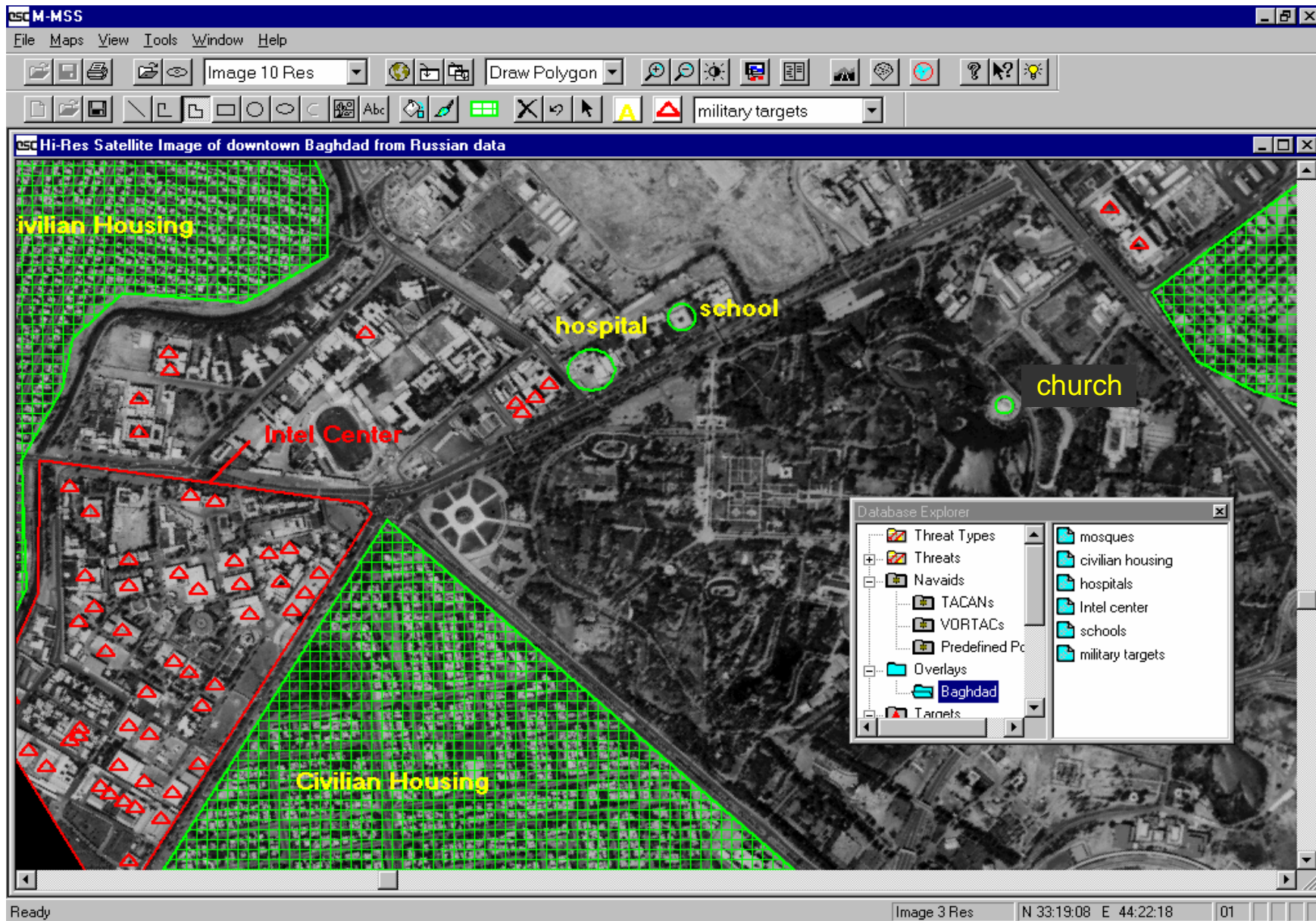
- Assists response teams from fire department and law enforcement agencies in preplanned and actual response to emergencies by providing current and relevant sources of information to “visualize” the site in advance



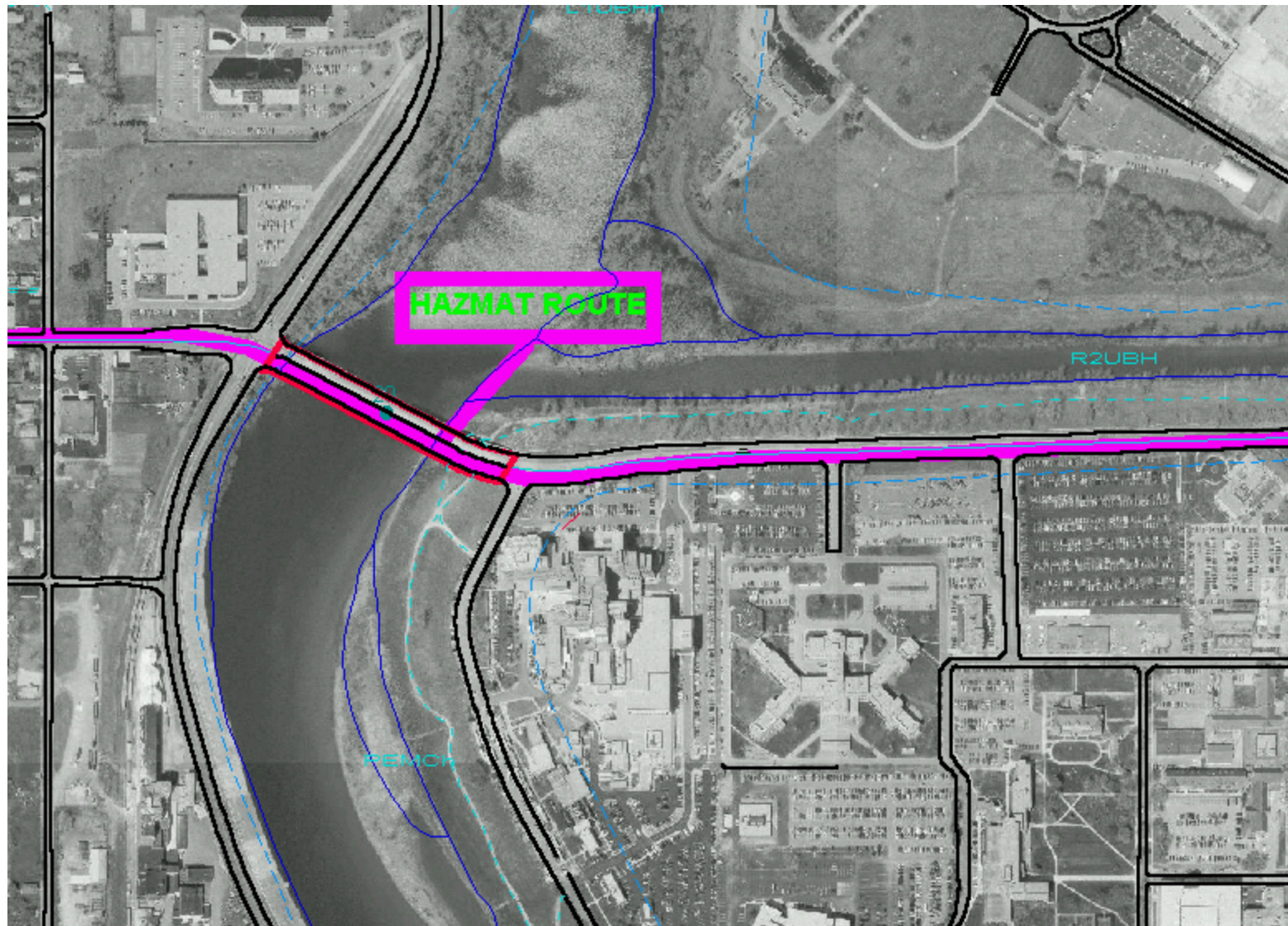
Benefits of High Resolution Imagery:

- Supports planning and monitoring of critical infrastructure
- Supports event response planning and rehearsal
- Available to Federal, State, and Local Agencies

Crisis Management Overlay's



Hazards Assessment



Alerting the Public Through the Media



- In addition to Government users, various media outlets and public institutions have used ORBIMAGE imagery
 - BBC
 - CBS
 - CNN Headline News
 - NBC-4 Nightly News
 - Space News

In Summary



- ORBIMAGE has been supplying imagery data and value-add products that support a public safety focus
- Applications for remote sensing in the context of public safety continue to evolve and expand in scope and complexity
- The remote sensing community is actively using data from a variety of sources to include satellite systems to support planning, response, and post event recovery activities
- Capabilities of Remote Sensing satellites continue to improve and will continue to be a valuable resource in the Public Safety Sector

Contact Information



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